

# S2 NetVR 100

## Overview

S2 NetVR 100 IP video server supports up to 64 IP cameras, while leveraging the Intel® Quad Core processor's energy efficient performance and high data throughput. For added reliability and performance, the NetVR 100's operating system data is stored within blazing fast solid state memory, while video record data streams to enterprise class internal hard disks.

S2 NetVR 100 is available in 8, 12 and 16 TB storage configurations, providing video data retention typically in the 30 – 90 day range, to best support today's high resolution multi-megapixel IP cameras. Consuming only 1U of rack space, the S2 NetVR 100 comes complete with professional 19" rack-mount rail kit for ease of install and maintenance.

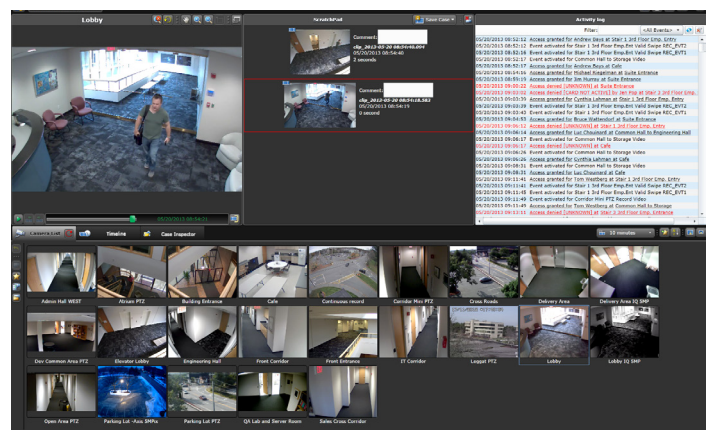
Dual Gigabit NICs come standard with the S2 NetVR 100, permitting the isolation of IP camera and client workstation network data. A Quad Gigabit NIC add-on option exists for expanded network connectivity, dedicated to external iSCSI storage devices and IP camera networks.

The S2 NetVR 100 offers advanced video forensics and tight integration of access control and monitoring. Quickly review linked video for current and recent alarm events with a single mouse click directly from the activity log. NetVR's unmatched integration between video and access events gives users more control over their video and physical security. The NetVR offers video management capabilities that are simply unavailable anywhere else.

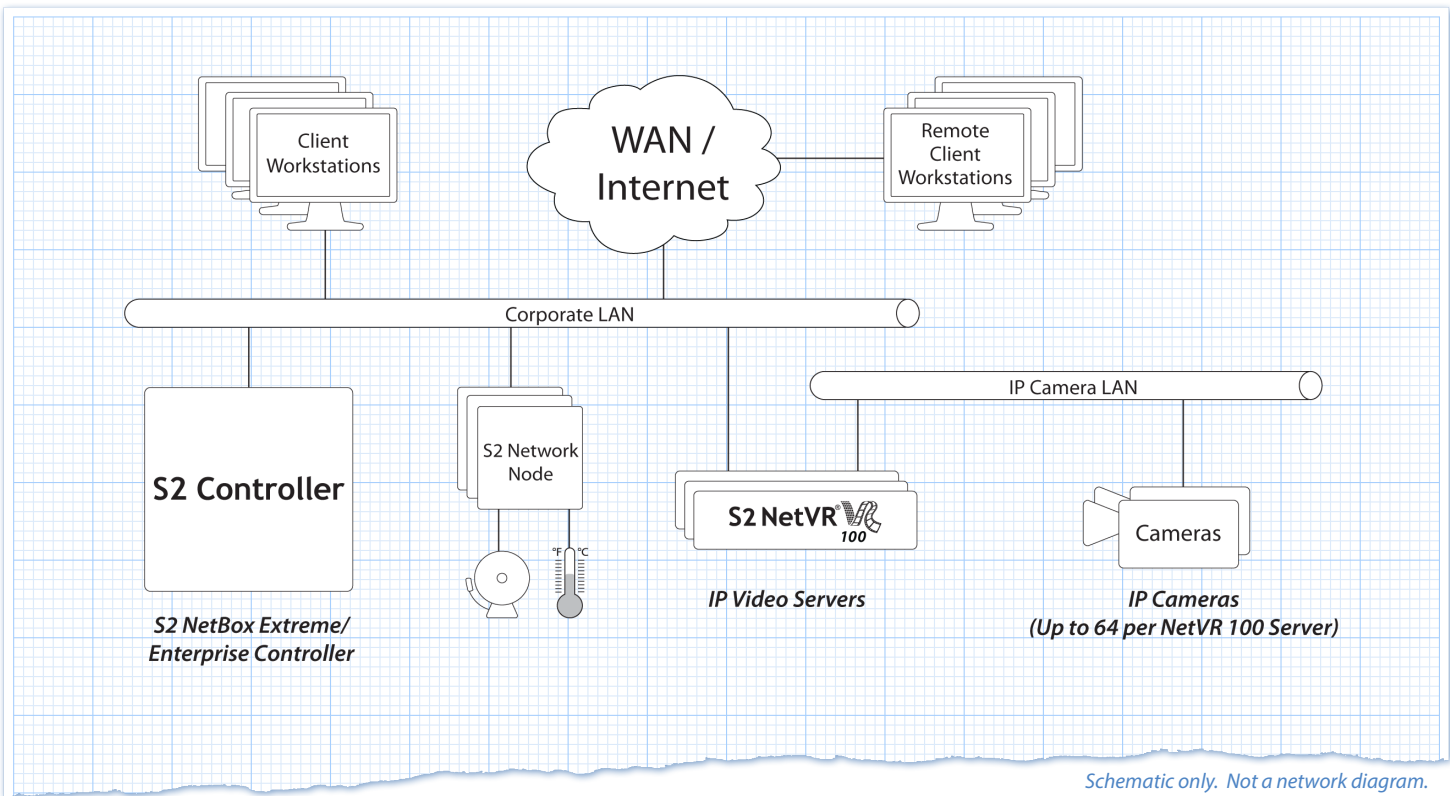
Through a common web browser, real-time video surveillance is integrated into the Monitoring Desktop and Widget Desktop of the associated S2 NetBox or Enterprise controller. The home page can display a single camera or multi-camera views, and video scales with the size of the browser window. For larger installations, multiple NetVRs can be tied to a single controller.

## Key Features

- IP video server, professional 19" rack mount (1U)
- Supports up to 64 IP cameras per server
- 8 IP camera licenses included
- Supports up to 16 TB of internal video storage
- Dual NIC support standard (quad NIC optional)
- Fast SSD for OS & application software
- Integrates with S2 NetBox & Enterprise controllers
- 100% Web user interface
- Multiple user clients supported with no extra license cost
- S2 NetVR mobile app support for iPhone and iPad
- Forensic Desktop functions locate, save and export video
- Widget Desktop support for customized monitoring displays
- Support for most common IP cameras and video encoders



*The S2 Forensic Desktop: easily locate video of interest as it moves across multiple camera views; quickly target relevant video before and after an event occurs.*



Schematic only. Not a network diagram.

## Specifications

### System

IP Camera Streams	Includes 8 IP Licenses (up to 64)
IP Camera Compression	H.264, MJPEG

### Platform

Video Storage Maximum	Up to 16 TB (JBOD)
Drive Bays	Supports up to 4 fixed 3.5" drives
HDD Type	Enterprise SATA 6G 7200rpm 3.5 Inch
Solid State Memory	60 GB SSD (OS & Application SW)
Processor	Intel® Quad Core Xeon® E3-1220 V2
RAM	4 GB total, DDR3 1333 MHz (2 x 2 GB)
OS	Ubuntu Linux 12.04 LTS
NIC	Dual GbE (standard), Quad GbE (optional)
Power Supply	250 W AC
AC Input	100~240 VAC
Chassis Form Factor	1U Rack, Rail Kit included
Chassis Dimensions (H, W, D)	3.5" x 17" x 14.5" (8.89 cm x 43.18 cm x 36.83 cm)
Warranty	3 Years (hardware) 1 Year Software
Certifications / Compliances	FCC (CE pending)

## Client Workstation Requirements

Processor	Intel® Core i3-2100 3.10GHz or higher
RAM	2 GB
Hard Drive	40 GB
Video	64MB video card (DirectDraw 7)
Operating System	Microsoft® Windows 7 Pro
Browser	Microsoft® Internet Explorer 8, 9

## Part Numbers

<b>S2-NETVR100-8TB-8-0*</b>	8 TB Video Storage
<b>S2-NETVR100-12TB-8-0*</b>	12 TB Video Storage
<b>S2-NETVR100-16TB-8-0*</b>	16 TB Video Storage

\*NetVR 100 includes 8 IP licenses (expandable to 64 IP licenses.)

### IP Camera License Bundles

<b>S2-NETVR-1C</b>	Single IP Camera License
<b>S2-NETVR-4C</b>	4 IP Camera Licenses
<b>S2-NETVR-8C</b>	8 IP Camera Licenses
<b>S2-NETVR-16C</b>	16 IP Camera Licenses
<b>S2-NETVR-32C</b>	32 IP Camera Licenses

Quad NIC Option	Quad Port Gb NIC option
S2-NICx2Gb-PCIe	(2 x Gb NIC additional, 4 Gb NIC total).

S2 Security products are installed in over 65 countries worldwide.  
Visit our website at [s2sys.com](http://s2sys.com) or contact us at [sales@s2sys.com](mailto:sales@s2sys.com)



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